

PRESENTATION OUTLINE: Exploring how OpenMP can improve application performance

Dehui Yu
School of Computer Science
University of Ottawa
Ottawa, Canada M1W 0A5
dyu105@uottawa.ca

November 25, 2022

1 Introduction to Parallel Programming

- first thing
- second thing
- third thing
- fourth thing

2 Introduction to OpenMP

- first thing
- second thing
- third thing
- fourth thing

3 Case study 1: Matrix multiplication with OpenMP

- first thing
- second thing
- third thing
- fourth thing

4 Introduction to Monte Carlo Algorithm

- first thing
- second thing
- third thing
- fourth thing

5 Case study 2: OpenMP implements Monte Carlo algorithm to calculate PI value

- first thing
- second thing
- third thing
- fourth thing

6 Difference between OpenMP and MPI

- first thing
- second thing
- third thing
- fourth thing

7 Summary

- first thing
- second thing
- third thing
- fourth thing

... more slides ...